

ATTORNEY DOCKET NO.: 040894-5760

Application No.: 10/059,346

Page 2

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended): An optical disk device comprising:

a thread on which a pick-up head is placed, said pick-up head serving to read data recorded on an optical disk by irradiating a track formed on a recording face of said optical disk with an optical beam focused by a lens and detecting the reflected light[?],

wherein said pick-up head includes a holder that holds the lens, the holder being rotatable with respect to the thread;

a lens moving unit adapted to ~~move~~ rotate the holder lens of said pick-up head relative to said thread ~~in a radial direction of said optical disk;~~

a thread moving unit adapted to move said thread as well as said pick-up head in the radial direction of the optical disk; and

a movement controller adapted to control said thread moving unit to start movement of said thread while controlling said lens moving unit to perform track-on control so that the lens of said pick-up head is located on a prescribed track, and thereafter when it is detected that said thread ~~lens has deviated from said prescribed track~~ by has moved a prescribed amount on the basis of a tracking servo signal potential ~~or more owing to movement of said thread~~, starting the movement rotation of said lens holder by said lens moving unit,

wherein said movement controller also detects whether or not said lens and said prescribed track ~~have~~ are displaced from each other ~~by a prescribed~~

ATTORNEY DOCKET NO.: 040894-5760

Application No.: 10/059,346

Page 3

~~amount on the basis of whether a~~ because the tracking servo signal has exceeded a
~~prescribed potential, and when the prescribed potential is exceeded, until said lens~~
~~deviates from the prescribed track by a prescribed amount or more, controlling~~
~~said thread moving unit to apply force having a prescribed magnitude to said~~
~~thread continuously and when shifted by the prescribed amount or more,~~
~~controlling said thread moving unit and said lens moving unit to control the~~
~~moving speed of the lens at a constant speed~~ controlling said thread moving unit
by terminating an applied drive kick signal, and controlling said lens moving unit
by terminating the tracking servo signal and applying the drive kick signal to said
lens moving unit.

2. (Currently Amended): An optical disk device comprising:

a thread on which a pick-up head is placed, said pick-up head serving to read data
recorded on an optical disk by irradiating a track formed on a recording face of said
optical disk with an optical beam focused by a lens and detecting the reflected light[;],
wherein said pick-up head includes a holder that holds the lens, the holder being
rotatable with respect to the thread;

a lens moving unit adapted to ~~move~~ rotate the holder lens of said pick-up head
relative to said thread ~~in a radial direction of said optical disk;~~

a thread moving unit adapted to move said thread as well as said pick-up head in
the radial direction of the optical disk; and

ATTORNEY DOCKET NO.: 040894-5760

Application No.: 10/059,346

Page 4

a movement controller adapted to control said thread moving unit to start movement of said thread, and thereafter, when it is detected that said lens has deviated from said prescribed track by a prescribed amount or more owing to movement of said thread, starting the ~~movement~~ rotation of said lens holder by said lens moving unit.

3. (Original): The optical disk device according to claim 2, wherein until a center of said lens deviates from the prescribed track by a prescribed amount or more, said controller controls said thread moving unit to apply force having a prescribed magnitude to said thread continuously.

4. (Original): The optical disk device according to claim 2, wherein when the center of said lens deviates from the center of said prescribed track by a prescribed amount or more, said controller controls said thread moving unit and said lens moving unit to control the moving speed of the lens at a constant speed.

5. (Canceled).

6. (Canceled).